

AMENDMENTS

IN THE CLAIMS:

Please amend claims 43 and 45-59 as follows.

1-42. (Canceled)

43. (Currently Amended) A computer-readable storage medium that does not comprise a carrier wave, ~~wherein the computer-readable storage medium~~ comprising ~~embodying a program of instructions that when executed executable by a computer for~~ performing a method of enabling a presentation from a first computing device to a plurality of ~~many~~ second computing devices using an application program, the method comprising:

providing an application programming interface on the first computing device that registers one or more of the second computing devices with the first computing device;

providing an application programming interface on the first computing device for un-registering one or more of the second computing devices from the first computing device;

providing an application programming interface for one or more of the second computing devices to request an invitation to view the presentation from the first computing device;

providing a callback method on the first computing device, ~~wherein the callback method~~ configured to communicate[[s]] an acceptance to one or more of the second computing devices indicating that the request for the invitation to view the presentation from the first computing device has been accepted;

providing an application programming interface on the first computing device for advertising that the [[a]] presentation is available for one or more of the second computing devices;

providing an application programming interface on the first computing device for disconnecting the first computing device from providing the presentation to one or more of the second computing devices;

providing an application program interface on the first computing device for inviting one or more of the second computing devices to view the presentation;

providing an application program interface on the first computing device for responding to a request from one or more of the second computing devices for ~~[[an]]~~ the invitation to view the presentation;

if one or more of the second computing devices connect~~[[s]]~~ to the presentation, providing the one or more connected second computing devices a control level comprising:

if a user of one or more of the second computing devices is permitted to control ~~[[the]]~~ a mouse pointer of ~~[[the]]~~ a presenter, providing an interactive control level; and

if the user of one or more of the second computing devices is permitted to view the presentation~~[[s]]~~, providing a view control level;

providing an application program interface on the first computing device for establishing communication between the first computing device and a projector;

providing an application program interface on the first computing device for disconnecting the first computing device from communicating with the projector;

providing an application program interface on the first computing device for obtaining capabilities of the projector;

providing an application program interface on the first computing device for obtaining state information of the projector;

providing an application program interface on the first computing device for obtaining display settings for the projector; and

providing an application program interface on the first computing device for setting display settings on the projector.

44. (Canceled)

45. (Currently Amended) The computer-readable storage medium of claim 43, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application programming interface on the first computing device that registers one or more of the second computing devices with the first computing device ~~further comprising~~[[es]]:

receiving at the first computing device a friendly name from one or more of the second computing devices;

receiving at the first computing device an invite from one or more of the second computing devices, ~~wherein~~ the invite comprising[[es]] a callback function invoked when the first computing device invites [[a]] one or more of the second computing devices; and

responding from the first computing device with a handle to one or more of the second computing devices, ~~wherein~~ the handle [[is]] used if one or more of the second computing devices attempt[[s]] to disconnect from the first computing device at a future time point in the future.

46. (Currently Amended) The computer-readable storage medium of claim 45, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application programming interface on the first computing device for un-registering one or more of the second computing devices from the first computing device ~~further comprising~~[[es]] receiving at the first computing device a second handle returned from a [[the]] register function.

47. (Currently Amended) The computer-readable storage medium of claim 46, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application programming interface for one or more of the second computing devices to request an invitation to view the presentation from the first computing device ~~further comprising~~ comprising ~~[[es]]~~:

receiving at the first computing device a ~~[[the]]~~ UDN of the first computing device from one or more of the second computing devices to ensure the first computing device is ~~the device~~ desired to be connected;

receiving at the first computing device a third handle from one or more of the second computing devices; and

communicating ~~[[an]]~~ the invitation ~~comprising~~ from the first computing device to one or more of the second computing devices if the first computing device desires to allow one or more of the second computing devices to view the presentation.

48. (Currently Amended) The computer-readable storage medium of claim 47, ~~further embodying a program of instruction executable by a computer, wherein~~ providing a callback method on the first computing device ~~wherein the callback method communicates an acceptance to the second computing device that invitation to view the presentation from the first computing device has been accepted~~ ~~further comprising~~ comprising ~~[[es]]~~:

receiving at the first computing device an invitation from one or more of the second computing devices;

receiving at the first computing device a friendly presentation name for one or more of the second computing devices;

receiving at the first computing device a friendly name for the presenter using the first computing device; and

communicating [[on]] a successful connection indication if ~~[[the]]~~ a connection is successful.

49. (Currently Amended) The computer-readable storage medium of claim 48, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application programming interface on the first computing device for advertising that ~~[[a]] the~~ presentation is available for one or more of the second computing devices ~~further comprising~~[[es]]:

on the first computing device, registering with a UPnP service comprising
communicating ~~[[a]] the~~ friendly ~~name of the~~ presentation name, ~~[[a]] the~~ friendly name of the presenter and a callback function from one or more of the second computing devices to ~~[[a]] the~~ UPnP service; and
communicating a fourth handle to one or more of the second computing devices if a presentation session is successfully created.

50. (Currently Amended) The computer-readable storage medium of claim 49, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application programming interface on the first computing device for disconnecting the first computing device from providing the presentation to one or more of the second computing devices ~~further comprising~~[[es]] receiving at the first computing device a request to stop the presentation, the request to stop the presentation comprising a ~~including the~~ name of the presentation to be stopped.

51. (Currently Amended) The computer-readable storage medium of claim 50, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application program interface on the first computing device ~~for to enable the first computing device to responding to a an invitation request from one or more of the second computing devices for the invitation to view the presentation~~ comprising:

receiving at the first computing device the friendly name of one or more of the second computing devices;

receiving at the first computing device a ~~[[the]]~~ UDN of one or more of the second computing devices; and

communicating from the first computing device to one or more of the second computing devices the ~~[[an]]~~ invitation.

52. (Currently Amended) The computer-readable storage medium of claim 51, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application program interface on the first computing device for inviting one or more of the second computing devices to view the presentation ~~further comprising~~~~[[es]]~~:

receiving at the first computing device a ~~fifth~~ handle for the presentation from one or more of the second computing devices;

receiving at the first computing device the UDN of one or more of the second computing devices; and

receiving at the first computing device the invitation, provided by the first computing device, from one or more of the second computing devices ~~that was provided by the first computing device~~.

53. (Currently Amended) The computer-readable storage medium of claim 52, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application program interface on the first computing device for inviting one or more of the second computing devices to view the presentation further comprising ~~receiving~~ receiving ~~a~~ a ~~the~~ presentation name and ~~a~~ a ~~the~~ presenter name.

54. (Currently Amended) The computer-readable storage medium of claim 53, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application program interface on the first computing device for establishing communication between the first computing device and a projector further comprising ~~receiving~~ receiving ~~at the first computing device~~ at the first computing device ~~the~~ a ~~sixth~~ handle for the presentation from one or more of the second computing devices;

receiving at the first computing device ~~the~~ a ~~sixth~~ handle for the presentation from one or more of the second computing devices;

receiving at the first computing device an ~~the~~ invitation to be provided to the projector; and

communicating a session token.

55. (Currently Amended) The computer-readable storage medium of claim 54, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application program interface on the first computing device for disconnecting the first computing device from communicating with the projector ~~further~~ comprising~~ing~~[[es]]:

receiving at the first computing device ~~[[the]]~~ a seventh handle for the presentation to be disconnected;

receiving at the first computing device a ~~[[the]]~~ UDN of the projector to be disconnected; and

receiving at the first computing device ~~[[the]]~~ a session token to be disconnected.

56. (Currently Amended) The computer-readable storage medium of claim 55, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application program interface on the first computing device for obtaining capabilities of the projector ~~further~~ comprising~~ing~~[[es]]:

receiving at the first computing device the UDN of the projector; and

receiving the capabilities of the projector.

57. (Currently Amended) The computer-readable storage medium of claim 56, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application program interface on the first computing device for obtaining state information of the projector ~~further~~ comprising~~ing~~[[es]]:

receiving at the first computing device the UDN of the projector; and

receiving the state information of the projector.

58. (Currently Amended) The computer-readable storage medium of claim 57, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application program interface on the first computing device for obtaining display settings for the projector ~~further comprising~~ing[[es]]:

- receiving at the first computing device the UDN of the projector; ~~and~~
- receiving ~~[[the]]~~ a session token for the projector; and
- receiving the display settings for the projector.

59. (Currently Amended) The computer-readable storage medium of claim 58, ~~further embodying a program of instruction executable by a computer, wherein~~ providing an application program interface on the first computing device for setting display settings on the projector ~~further comprising~~ing[[es]]:

- receiving at the first computing device the UDN of the projector;
- receiving the session token for the projector; and
- receiving the display settings for the projector.